



3001 Miller Road  
P.O. Box 1699  
Dearborn, Michigan 48121-1699

October 7, 2003

Chief, Air Enforcement and Compliance Assurance Branch  
Air and Radiation Division (AE-17J)  
USEPA, Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

Attention: Enforcement Tracker

Subject: United States of America and County of Wayne and Michigan Department of Environmental Quality v. Rouge Steel Company – Civil Action Nos. 00-75452 and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Rouge Steel Company's ("Rouge Steel") quarterly report for July – September 2003.

The demonstration report for the "B" Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The use of ongoing O&M practices and emission control technologies pursuant to paragraph 11(d) has yet not been established with EPA. However, during this interim period, Rouge Steel is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every cast.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. Written notice from EPA alleging noncompliance for the BOF demonstration test was received on January 10, 2003, and Rouge Steel's Proposed Plan for Use of Operation and Maintenance Practices and Emission Control Technologies was submitted on March 10, 2003. EPA has not yet responded to the Proposed Plan, and the use of ongoing O&M practices and emission control technologies has not been established with EPA. However, during this interim period, Rouge Steel is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every heat.

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The use of ongoing O&M practices and emission control technologies pursuant to paragraph 11(d) has yet not been established with EPA. However, during this interim period, Rouge Steel is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every cast.

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OCT 14 2003

AIR ENFORCEMENT BRANCH  
U.S. EPA, REGION 5

October 7, 2003

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VE observations were not conducted for "B" Blast Furnace during the week of August 11 – 17 due to the wide spread power outage and the weeks of September 15 – 28 due to an oxygen line failure. Notices of these force majeure events were submitted to the EPA on August 18 and September 22 respectively.

VE observations were not conducted for the BOF roof monitor during the week of August 11 – 17 due to the wide spread power outage and the week of September 15 – 21 due to an oxygen line failure. Notices of these force majeure events were submitted to the EPA on August 18 and September 22 respectively.

VE observations were not conducted for "C" Blast Furnace during the weeks of June 30 – July 27 due to an unplanned shutdown. Additionally, VE observations could not be conducted for the week of September 15 - 21 due to an oxygen line failure. Notices of these force majeure events were submitted to the EPA on June 24 and September 22 respectively.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



D. S. Windeler  
Manager, Environmental Engineering

Attachments

cc: Ms. Gaylene Vasaturo  
Ms. Teresa Seidel  
Mr. Scott R. Dismukes

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OCT 14 2003

ROUGE STEEL COMPANY  
CIVIL ACTION NOS. 00-75452 AND 00-75454

AIR ENFORCEMENT BRANCH  
U.S. EPA, REGION 5

QUARTERLY REPORT FOR JULY 1 – SEPTEMBER 30, 2003

SECTION IV MONITORING	RESULTS
Conduct VE Observations of "C" Blast Furnace Bleeders	See attached VEs
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	See attached VEs. Note – three weekly readings could not be taken due to two separate force majeure events
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VEs. Note - two weekly readings could not be taken due to two separate force majeure events
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VEs. Note - five weekly readings could not be taken due to two separate force majeure events

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person (s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

W. B. Winland, Vice President of Operations

Date

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 26 2003			
OBSERVER:	Rosana Moffat			
START:	9:35 am	pm		
FINISH:	10:35 am	pm		
Source:	C BURST BLEEDERS			
Observation Point	On paved parking lot			
distance from:	200'			
direction from:	E			
source height:	~ 180'			
wind direction	S			
wind speed	5-10			
sky condition	Cloudy			
amb. temp. (F)	70			
color of emissions	White			
unless stated otherwise				
other:				
Remarks:				

Observer's Signature

Rosana Moffat

9:00 AM					Page #1						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					35 Black
6						36	35	25	15	15	
7						37	10	10	10	10	
8						38	10	10	10	10	
9						39	15	15	15	15	
10						40	15	15	10	10	
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17						47	0	0	0	0	
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25						55	0	0	0	0	
26						56	0	0	0	0	
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29						59	0	0	0	0	

Last Certification Date 4/08/03

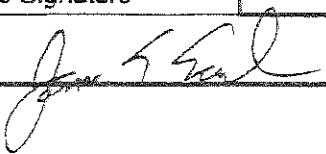
ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	<i>September 26 2001</i>				
OBSERVER:	<i>Rosana Hoffat</i>				
START:	9:35 am	pm			
FINISH:	10:35 am	pm			
Source:	<i>C BLAST BLEEDERS</i>				
Observation Point	<i>On paved parking lot</i>				
distance from:	<i>200'</i>				
direction from:	<i>E</i>				
source height:	<i>~ 180'</i>				
wind direction	<i>S</i>				
wind speed	<i>5-10</i>				
sky condition	<i>Cloudy</i>				
amb. temp. (F)					
color of emissions					
other:					
Remarks:					
Observer's Signature	<i>Rosana Hoffat</i>				

10:00 AM						Page #2					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
1	<input type="radio"/>	31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
2	<input type="radio"/>	32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
3	<input type="radio"/>	33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
4	<input type="radio"/>	34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
5	<input type="radio"/>	35									
6	<input type="radio"/>	36									
7	<input type="radio"/>	37									
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9	<input type="radio"/>	39									
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29	<input type="radio"/>	59									

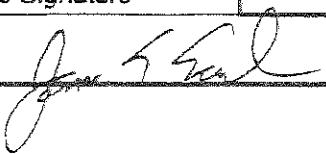
Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

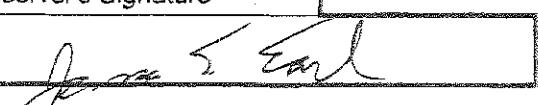
DATE:	9-22-03									
OBSERVER:	J. Earl									
START:	am 3:28 pm									
FINISH:	am 4:28 pm									
Source:	C BF Bleeders									
Observation Point	Parking Lot									
distance from:	300'									
direction from:	E									
source height:	150'									
wind direction	SSW									
wind speed	10-15									
sky condition	Cloudy - Fair									
amb. temp. (F)	65									
color of emissions	Gray/White									
other:										
Remarks:										
Observer's Signature										

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	10	10	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
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27						57	0	0	0	0	
28	25	25	25	25		58	0	0	0	0	
29	25	25	25	25		59	0	0	0	0	

Last Certification Date

 April 03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-22-03
OBSERVER:	J. Earl
START:	am 3:28 (pm)
FINISH:	am 4:28 (pm)
Source:	C BF Bleeders
Observation Point	Parking Lot
distance from:	300'
direction from:	E
source height:	150'
wind direction	SSW
wind speed	10-15
sky condition	Cloudy
amb. temp. (F)	65
color of emissions	Gray/white
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
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8	0	0	0	0		38					
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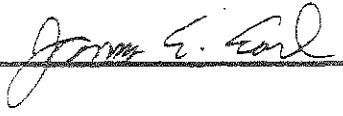
Last Certification Date

April 03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-17-03									
OBSERVER:	J. Earl									
START:	am	2:31	pm							
FINISH:	am		pm							
Source:	C BF Blowers									
Observation Point	West Boat Dock Road - Low									
distance from:	500'									
direction from:	W									
source height:	150'									
wind direction	SW									
wind speed	10-15									
sky condition	P <sub>r</sub> cloudy									
amb. temp. (F)										
color of emissions	Gray/Brown									
other:										
Remarks:										
Observer's Signature										

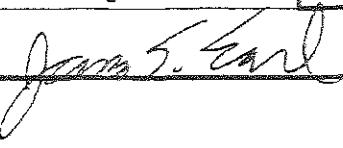
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
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2						32	45	40	40	30	
3						33	30	30	30	25	
4						34	25	25	25	20	
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26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

  
John S. Earl

Last Certification Date

April, 2003

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	9-17-03
OBSERVER:	J. Earl
START:	am 2:31 <input checked="" type="checkbox"/>
FINISH:	am 3:31 <input checked="" type="checkbox"/>
Source:	CBF Blaster
Observation Point	West Boat Dock Racial Row
distance from:	500
direction from:	W
source height:	150'
wind direction	SW
wind speed	10-15
sky condition	Pt. cloudy
amb. temp. (F)	
color of emissions	Gray/Brown
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	6		30	0	0	0	0	
1	0	0	0	0		31					
2	0	0	0	0		32					
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26	0	0	0	6		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

April, 2003

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	Ronan Moffat
OBSERVER:	Ronan Moffat
START:	am / 10 pm
FINISH:	am 2:40 pm
Source:	C Blast Furnace
Observation Point	West side of canal
distance from:	500'
direction from:	W
source height:	~ 200'
wind direction	N
wind speed	0-5
sky condition	Partly
amb. temp. (F)	70
color of emissions	White
others stated otherwise	
other:	
Remarks:	
Observer's Signature	Ronan Moffat

100 PM

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
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6						36					
7						37					
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26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5 2003
OBSERVER:	Rosana M. Mifflat
START:	am 1:40 pm
FINISH:	am 2:40 pm
Source:	Blast Furnace
Observation Point	West side of blast furnace
distance from	800'
direction from:	W
source height:	200'
wind direction	N
wind speed	0-5
sky condition	Cloudy
amb. temp. (F)	
color of emissions	
other,	
Remarks:	
Observer's Signature	Rosana M. Mifflat

Page #2

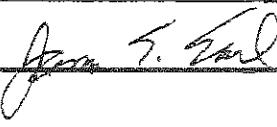
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1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40					
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41					
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42					
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43					
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44					
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45					
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46					
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47					
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19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49					
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26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56					
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28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59					

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-29-03										
OBSERVER:	J. Earl										
START:	8:54	am	pm								
FINISH:	9:54	am	pm								
Source:	C BF Blowers										
Observation Point	Storage Area										
distance from:	500'										
direction from:	SE										
source height:	150'										
wind direction	WSW										
wind speed	10										
sky condition	Cloudy										
amb. temp. (F)	75										
color of emissions	Black/gray										
other:											
Remarks:											
Observer's Signature											

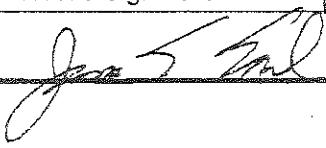
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54	30	30	20	20	
25						55	20	20	20	15	
26						56	10	10	10	10	
27						57	5	5	5	5	
28						58	5	5	10	10	
29						59	5	5	5	5	

Last Certification Date

Apr. 103

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

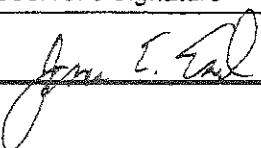
DATE:	8-29-03
OBSERVER:	J. Earl
START:	8:54 am
FINISH:	9:54 am
Source:	C BF Bleeders
Observation Point	Storage Area
distance from:	500'
direction from:	SE
source height:	150'
wind direction	WSW
wind speed	10
sky condition	Cloudy
amb. temp. (F)	75
color of emissions	Black/gray
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	0	
4	5	5	5	5		34	0	0	0	0	
5	5	5	5	5		35	0	0	0	0	
6	5	5	5	5		36	0	0	0	0	
7	5	5	5	5		37	0	0	0	0	
8	5	5	5	5		38	0	0	0	0	
9	5	5	5	5		39	0	0	0	0	
10	5	5	5	5		40	0	0	0	0	
11	5	5	5	5		41	0	0	0	0	
12	5	5	5	5		42	0	0	0	0	
13	5	5	5	5		43	0	0	0	0	
14	5	5	5	5		44	0	0	0	0	
15	5	5	5	5		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54					
25	0	0	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Last Certification Date

April 03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

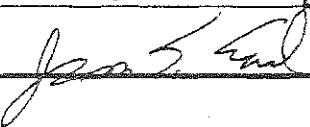
DATE:	8/27/03
OBSERVER:	J. Earl
START:	am 3:24 pm
FINISH:	am 4:24 pm
Source:	CBF Bleeders
Observation Point	How - West Bout Dock Road
distance from:	800'
direction from:	W
source height:	150'
wind direction	NE
wind speed	5 mph
sky condition	P. Sunny
amb. temp. (F)	83
color of emissions	
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

April 03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

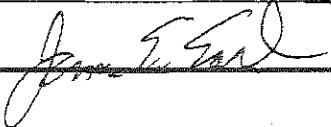
DATE:	8/27/03
OBSERVER:	J. Earl
START:	am 3:24 (pm)
FINISH:	am 4:24 (pm)
Source:	CBF Bleeders
Observation Point	How-West Bout Dark Road
distance from:	800'
direction from:	W
source height:	150'
wind direction	NE
wind speed	5
sky condition	pt sunny
amb. temp. (F)	83
color of emissions	
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0	6	39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

Aug 103

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

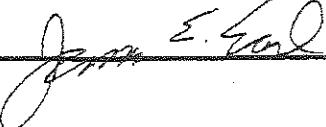
DATE:	8/20/03
OBSERVER:	J. Earl
START:	9:11 am
	pm
FINISH:	10:00 am
	pm
Source:	CBF Bleeders
Observation Point	Parking Area
distance from:	600'
direction from:	SE
source height:	150'
wind direction	W
wind speed	0-5
sky condition	Hazy
amb. temp. (F)	67
color of emissions	White/Grey
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	-					30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11	50	50	50	50		41	0	0	0	0	
12	50	50	50	40		42	0	0	0	0	
13	40	40	40	40		43	0	0	0	0	
14	40	40	50	50		44	0	0	0	0	
15	50	50	40	40		45	0	0	0	0	
16	25	25	25	35		46	0	0	0	0	
17	40	35	40	40		47	0	0	0	0	
18	40	30	30	25		48	0	0	0	0	
19	15	20	15	15		49	0	0	0	0	
20	15	10	10	10		50	0	0	0	0	
21	10	5	5	5		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

April 03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8/20/03
OBSERVER:	J. Earl
START:	9:11 am pm
FINISH:	10:10 am pm
Source	CBF Bleeder
Observation Point	Parking Area
distance from:	600'
direction from:	SE
source height:	150'
wind direction	W
wind speed	0-5 mph
sky condition	Hazy
amb. temp. (F)	70
color of emissions	White/gray
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

Apr/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8/6/03
OBSERVER:	Lam Trinh
START:	2:06 am (pm)
FINISH:	am 3:06(pm)
Source:	"C" Blister
Observation Point	
East "A" Furnace	
distance from:	150'
direction from:	SE
source height:	150'
wind direction	SE
wind speed	0-5
sky condition	cloudy
amb. temp. (F)	80°F
color of emissions	White
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6	25	25	30	30		36	0	0	0	0	
7	20	20	15	15		37	0	0	0	0	
8	15	15	15	10		38	0	0	0	0	
9	10	10	10	10		39	0	0	0	0	
10	10	5	5	5		40	0	0	0	0	
11	5	5	5	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

4/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

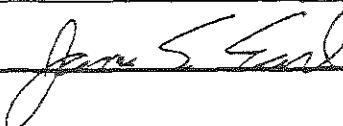
DATE:	8/6/03									
OBSERVER:	Lam Trinh									
START:	am 2:00(pm)									
FINISH:	am 3:00 pm									
Source:	"C" blower									
Observation Point										
East 45° Flange										
distance from:	150'									
direction from:	SIE									
source height:	150'									
wind direction	SE									
wind speed	0-5 MPH									
sky condition	Cloudy									
amb. temp. (F)	82°F									
color of emissions	White									
other:										
Remarks:										
Observer's Signature										

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

4/03

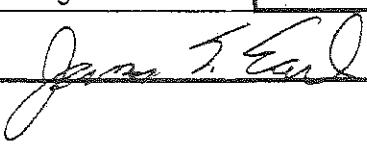
# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7-31-03
OBSERVER:	J. Earl
START:	9:40 am
FINISH:	10:40 pm
Source:	C BF Bleeders
Observation Point	Storage Area
distance from:	500'
direction from:	SE
source height:	150'
wind direction	Calm
wind speed	—
sky condition	Hazy
amb. temp. (F)	73
color of emissions	White/gray / black
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	50	50	50	50	
11						41	50	40	40	40	
12						42	40	40	40	40	
13						43	40	40	40	40	
14						44	40	40	40	40	
15						45	30	30	30	25	
16						46	40	50	30	30	
17						47	20	20	15	10	
18						48	10	30	40	40	
19						49	30	30	30	20	
20						50	15	10	10	10	
21						51	5	5	5	5	
22						52	5	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

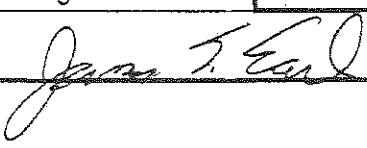
Last Certification Date April 03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7-31-03
OBSERVER:	J. Earl
START:	9:40 am pm
FINISH:	10:40 am pm
Source:	C BF Blowers
Observation Point	Storage Area
distance from:	500'
direction from:	SE
source height:	150'
wind direction	Calm
wind speed	-
sky condition	Hazy
amb. temp. (F)	73
color of emissions	White/gray/Black
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date

 April 03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/29/03	
OBSERVER:	Rosana Moffat	
START:	10:10 am	pm
FINISH:	10:19 am	pm
Source:	C Blast Blowers	
Observation Point	East of funnel	
distance from:	150'	
direction from:	SE	
source height:	200'	
wind direction	SE	
wind speed	5-10	
sky condition	Overcast	
amb. temp. (F)		
color of emissions		
other;		
Remarks;		

10:00 AM					REMARKS	10:00 AM					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10	100	100	100	100	Black	40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5	Closed	48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Rosana Moffat

Last Certification Date

4/08/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	<i>September 9 2003</i>				
OBSERVER:	<i>Roseanne Hoffart</i>				
START:	11:00	am	pm		
FINISH:	11:57	am	pm		
Source:	<i>B Blast Furnace</i>				
Observation Point	<i>Unpaved parking lot.</i>				
distance from:	<i>150'</i>				
direction from:	<i>E</i>				
source height:	<i>75'</i>				
wind direction	<i>E</i>				
wind speed	<i>5-10</i>				
sky condition	<i>Clean</i>				
amb. temp. (F)					
color of emissions	<i>White</i>				
unless stated otherwise:					
other:					
W - West Con					
E - East Con					
Remarks:					

11:00 AM						Page #1					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	<i>Black</i>	30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5	<i>W</i>	33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5	<i>E</i>	37	5	5	5	5	
8	0	0	0	5	<i>W</i>	38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5	<i>E</i>	55	5	5	10	5	<i>Black</i>
26	5	5	5	5		56	5	5	5	0	
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Observer's Signature

*Roseanne Hoffart*Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5, 2003												
OBSERVER:	Rosana Hoffst.												
START:	am 6:30	pm											
FINISH:	am 1:21	pm											
Source:	Blast												
Observation Point	East of fence												
distance from:	100'												
direction from:	E												
source height:	75'												
wind direction	S												
wind speed	5-15												
sky condition	Cloudy												
amb. temp. (F)	81												
color of emissions	White												
unless stated otherwise													
other:	W West Con E East Con												
Remarks:													
Observer's Signature													

100' Page # 1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	15	0	Brown
1						31	10	5	5	5	
2						32	5	5	5	5	W
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	5	5	E
13						43	5	10	15	15	
14						44	15	10	5	5	
15						45	5	5	5	5	
16						46	5	15	15	15	
17						47	0	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20						50	5	5	5	5	
21						51	5	5	5	5	
22						52	5	5	5	5	
23						53	5	5	5	5	
24						54	5	5	5	5	
25						55	5	5	5	5	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	5	5	5	
29						59	5	10	10	10	

Last Certification Date 4/10 8/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 3, 2003				
OBSERVER:	Rosa A. Maffet				
START:	am 02:30	pm			
FINISH:	am 1:21	pm			
Source:	Blast				
Observation Point	Upwind parking lot				
distance from:	100'				
direction from:	E				
source height:	75'				
wind direction	S				
wind speed	5-15				
sky condition	Cloudy				
amb. temp. (F)	71				
color of emissions	White				
unison stated otherwise					
other:					
Remarks:	11				
Observer's Signature					

MIN	100					REMARKS	MIN	P.O.P #2				
	0	15	30	45				0	15	30	45	
0	5	5	5	5			30					
1	5	5	5	5			31					
2	5	5	5	5			32					
3	5	5	5	5			33					
4	5	5	5	5			34					
5	5	5	5	5			35					
6	5	5	5	5			36					
7	5	5	5	5			37					
8	5	5	5	5			38					
9	5	5	5	5			39					
10	5	5	5	5			40					
11	5	5	5	5			41					
12	5	5	5	5			42					
13	5	5	5	5			43					
14	5	5	5	5			44					
15	5	5	5	5			45					
16	5	5	5	5			46					
17	5	15	20	15	Brown		47					
18	15	15	15	25	Yellow		48					
19	25	25	25	10	Yellow		49					
20	5	0	C	C			50					
21							51					
22							52					
23							53					
24							54					
25							55					
26							56					
27							57					
28							58					
29							59					

Rosa A. Maffet  
LW

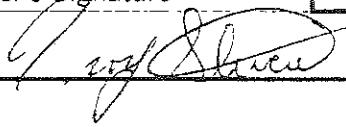
Last Certification Date 10/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-26-03											
OBSERVER:	Troy Stevens											
START:	11:25 am			pm			11:00					
FINISH:	am			pm								
Source:	B' BE											
Observation Point	EAST of BE											
distance from:	400'											
direction from:	EAST											
source height:												
wind direction	WEST											
wind speed	0-5											
sky condition	overcast											
amb. temp. (F)	70											
color of emissions	Brown											
other:												
Remarks:												

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature



Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 8-26-03

OBSERVER: Troy Stevens

START: 11:25 am pm

FINISH: am / 06 pm

Source:

B' BF

Observation Point

East of BF

distance from: 400'

direction from: E

source height:

wind direction W

wind speed 0-5

sky condition overcast

amb. temp. (F) 70

color of emissions

Brown

other:

Remarks:

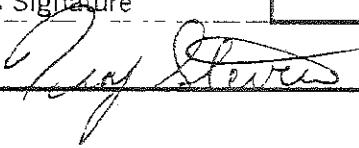
Observer's Signature

12:00					REMARKS	12:00					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	6	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	5	5	5	5	
10	0	0	0	0		40	5	5	5	10	
11	0	0	0	0		41	10	10	10	10	
12	0	0	0	0		42	10	10	10	5	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	10	10	
18	0	0	0	0		48	0	5	5	5	
19	0	0	0	0		49	5	0	0	0	
20	0	0	0	0		50	0	0	0	5	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	5	5	5	
29	0	0	0	0		59	5	5	5	5	

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-26-03
OBSERVER:	Loy Stevens
START:	1125 am pm
FINISH:	am / 106 pm
Source:	8' BF
Observation Point	East of BF
distance from:	400'
direction from:	E
source height:	
wind direction	SW
wind speed	0-5
sky condition	P. Cloudy
amb. temp. (F)	75
color of emissions	Brown
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	15	10		31					
2	10	10	10	0		32					
3	5	5	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0					36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 15, 2003				
OBSERVER:	Rosane Moffat				
START:	10:00	am	pm	10:00	
FINISH:	11:05	am	pm		
Source:	Blast Furnace				
Observation Point	Unpaved parking lot				
distance from:	100'				
direction from:	SE				
source height:	75'				
wind direction	N				
wind speed	0-5				
sky condition	Clear				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other:	W WEST CAR E EAST CAR				
Remarks:					
Observer's Signature					

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○	W	31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	E
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 19 2003			
OBSERVER:	Resana Mallett			
START:	10:00	am	pm	
FINISH:	11:05	am	pm	
Source:	Blast Furnace			
Observation Point	Underplant parking lot			
distance from:	100'			
direction from:	SE			
source height:	75'			
wind direction	N			
wind speed	(1) - <			
sky condition	Cloudy			
amb. temp. (F)				
color of emissions	White			
(unless stated otherwise)				
other:				
Remarks:				

11:00 AM

Page # 2

11:00 AM					REMARKS	11:00 AM					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	( )	( )	( )	( )		30					
1	( )	( )	( )	( )		31					
2	10	15	50	0	Black.	32					
3	( )	( )	( )	( )		33					
4	( )	( )	( )	( )		34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Resana Mallett  
(60)

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 4, 2003			
OBSERVER:	Resana Moffat			
START:	8:50	am	pm	
FINISH:	10:17	am	pm	
Source:	6 Blast Furnace			
Observation Point	On unpaved pink lot			
distance from source	100'			
direction from:	SE			
source height:	75'			
wind direction	N			
wind speed	0-5			
sky condition	Overcast			
amb. temp. (F)				
color of emissions	White			
unless stated otherwise				
other:	W - WEST CAR E - EAST CAR			
Remarks:				

*S 30 AM*

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	<input type="checkbox"/>	5	10	20	Brown
21						51	<input type="checkbox"/>	0	15	15	10 W "
22						52	<input type="checkbox"/>	5	5	0	
23						53	<input type="checkbox"/>	0	0	0	
24						54	<input type="checkbox"/>	0	0	0	
25						55	<input type="checkbox"/>	0	0	0	
26						56	<input type="checkbox"/>	0	0	0	
27						57	<input type="checkbox"/>	0	0	0	
28						58	<input type="checkbox"/>	0	0	0	
29						59	<input type="checkbox"/>	0	0	0	

Observer's Signature

*Resana Moffat*  
100

Last Certification Date

4/03/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 8, 2005			
OBSERVER:	ROSANA MCFARLAIN			
START:	6:50	am	pm	
FINISH:	13:14	am	pm	
Source:	B. BLAST FURNACE			
Observation Point	On ground level			
distance from:	100'			
direction from:	SE			
source height:	75'			
wind direction	N			
wind speed	0-5			
sky condition	Overcast			
amb. temp. (F)				
color of emissions	White			
unless stated otherwise				
other;				
Remarks;				
Observer's Signature				

9:00

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	E
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	5	0	
16	○	○	○	○		46	○	○	0	5	
17	○	○	○	○		47	5	5	5	5	
18	○	○	○	○		48	5	5	5	5	
19	○	○	○	○		49	5	5	5	5	
20	○	○	○	○		50	5	5	5	5	
21	○	○	○	○		51	5	5	5	5	
22	○	○	○	○		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Last Certification Date 4/08/05

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 8, 2003				
OBSERVER:	ROSANA MOFFAT				
START:	8:50	am	pm		
FINISH:	10:14	am	pm		
Source:	Blast Furnace				
Observation Point	Road parking lot				
distance from:	100'				
direction from:	E				
source height:	75'				
wind direction	N				
wind speed	0-5				
sky condition	Overcast				
amb. temp. (F)					
color of emissions	White				
Indicates if thin or thick					
other:					
Remarks:					

Observer's Signature

10 SCM

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	10	5	0	0	Black	42					
13	0	0	0	0		43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/28/03	
OBSERVER:	Rosana Maffet	
START:	11:00 am	pm
FINISH:	11:45 am	pm
Source:	B. Blast Furnace	
Observation Point	Unpaved parking lot	
distance from:	150'	
direction from:	SE	
source height:	75'	
wind direction	SE	
wind speed	5-10	
sky condition	Overcast	
amb. temp. (F)		
color of emissions	White	
when started	otherwise	
other:	W = WEST CAR E = EAST CAR	
Remarks:		
Observer's Signature	<i>Rosana Maffet</i>	

11:00 am.

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○	Brown/white	30	○	○	○	○	+
1	○	○	○	○	"	31	○	○	○	○	
2	○	○	○	○	"	32	○	○	○	○	
3	○	○	○	○	E/W	33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	Black
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59					

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 25, 2003					
OBSERVER:	Rosana Moffat					
START:	9:45 am	pm				
FINISH:	10:41 am	pm				
Source:	6 Blast					
Observation Point	Unperforated parking lot					
distance from:	100'					
direction from:	SE					
source height:	75'					
wind direction	W					
wind speed	5-10					
sky condition	Clear					
amb. temp. (F)						
color of emissions	White					
unstated otherwise						
other:	W - West Crn E - East Crn					
Remarks:						
Observer's Signature						

9:00

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45			10	10	W
16						46	10	10	10	10	
17						47	10	10	10	10	
18						48	10	10	10	10	
19						49	10	10	10	5	
20						50	5	5	5	5	
21						51	5	5	5	5	
22						52	5	5	5	5	
23						53	5	5	5	5	
24						54	5	5	5	5	
25						55	5	5	5	5	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	5	5	5	
29						59	5	5	5	0	

Observer's Signature

Rosana Moffat

Last Certification Date 4/03/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

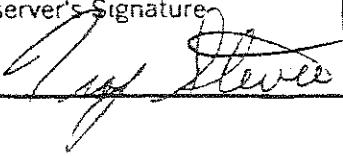
DATE:	July 25, 2005	
OBSERVER:	R. SANTA MOFFAT	
START:	9:45 am	pm
FINISH:	10:41 am	pm
Source:	B6 east	
Observation Point	Airport parking lot	
distance from:	100'	
direction from:	SE	
source height:	75'	
wind direction	W	
wind speed	5-10	
sky condition	Cloudy	
amb. temp. (F)		
color of emissions	White	
unless stated otherwise		
other;		
	W WEST	
	E EAST	
Remarks:		
Observer's Signature	R. Santa Moffat	

Face #2.

10:00 AM						10:45 AM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	8	5	5		30	5	5	5	5	E
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41					
12	3	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Last Certification Date 4/08/05

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

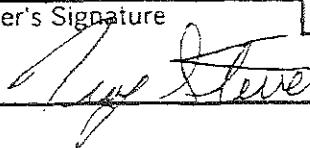
DATE:	7/18/03		
OBSERVER:	Troy Stevens		
START:	1020 am	pm	
FINISH:	1122 am	pm	
Source:	'B' BF		
Observation Point	East of BF		
distance from:	400		
direction from:	E		
source height:			
wind direction	E		
wind speed	0-5		
sky condition	Overcast		
amb. temp. (F)	65		
color of emissions	Brown		
other:			
Remarks:			
Observer's Signature:			

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	10	5	5	5	
4						34	5	5	10	10	
5						35	10	15	15	10	
6						36	10	5	5	5	
7						37	10	15	15	10	
8						38	10	10	10	5	
9						39	5	10	20	10	
10						40	10	5	5	5	
11						41	5	5	5	10	
12						42	10	10	15	20	
13						43	15	5	5	5	
14						44	5	5	5	5	
15						45	5	15	10	5	
16						46	5	5	10	10	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	10	10	5	
23	0	0	0	0		53	5	5	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	10	
26	0	0	0	0		56	10	10	5	5	
27	0	0	0	0		57	5	5	5	5	
28	0	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	10	10	10	

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/18/03
OBSERVER:	Troy Stevens
START:	10:20 am pm
FINISH:	11:22 am pm
Source:	B BF
Observation Point	
distance from:	400'
direction from:	E
source height:	
wind direction	E
wind speed	0-5
sky condition	overcast
amb. temp. (F)	65
color of emissions	Brown
other:	
Remarks:	
Observer's Signature	

MIN	11:00					REMARKS	MIN	11:00					REMARKS
	0	15	30	45				0	15	30	45		
0	/0	5	5	5				30					
1	5	5	5	5				31					
2	5	5	5	5				32					
3	10	5	5	5				33					
4	5	5	5	5				34					
5	5	5	5	5				35					
6	5	5	5	5				36					
7	5	5	5	5				37					
8	5	10	10	15				38					
9	5	5	5	5				39					
10	5	5	5	5				40					
11	5	5	5	5				41					
12	5	5	5	5				42					
13	5	5	5	5				43					
14	5	5	5	5				44					
15	5	5	5	5				45					
16	5	5	5	5				46					
17	5	10	15	15				47					
18	25	15	10	15				48					
19	20	20	15	10				49					
20	10	5	5	5				50					
21	5	5	5	5				51					
22	5							52					
23								53					
24								54					
25								55					
26								56					
27								57					
28								58					
29								59					

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 11, 2003				
OBSERVER:	ROSANNE YOFFA				
START:	7:33	am	pm		
FINISH:		am	pm		
Source:	Blast				
Observation Point	Unpaved parking lot.				
distance from:	100'				
direction from:	SE				
source height:	75'				
wind direction	NW				
wind speed	0-5				
sky condition	Overcast				
amb. temp. (F)					
color of emissions	white				
unless stated otherwise					
other;	W - WEST CAR E - EAST CAR				
Remarks;					
Observer's Signature					

*S. 50 Acre*

*Page # /*

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33	○	○	5	10	
4						34	10	15	15	10	
5						35	5	5	5	5	
6						36	5	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature

*Rosanne Yoffa*

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 11, 2003	
OBSERVER:	Rosanna Moffat	
START:	4:33 am	pm
FINISH:	am	pm
Source:	Blast	
Observation Point	Upwind parking lot	
distance from:	SE	7
direction from:	100'	↓
source height:	75'	
wind direction	NW	
wind speed	0-5	
sky condition	Overcast	
amb. temp. (F)		
color of emissions	White	
unless stated otherwise		
other:	W - WEST CAR E - EAST CAR	
Remarks:		

9:00 AM

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5				
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0	E	48					
19	0	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Observer's Signature

Rosanna Moffat

Last Certification Date

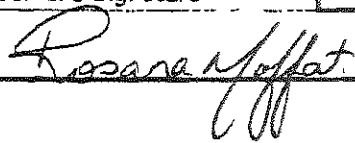
4/06/03

## ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 4, 2003
OBSERVER:	Rosana Moffat
START:	8:02 am pm
FINISH:	8:58 am 8:58 pm
Source:	Blast
Observation Point	EAST OF Furnace on paved lot
distance from:	70'
direction from:	SE
source height:	75'
wind direction	SW
wind speed	0-5
sky condition	Clear
amb. temp. (F)	
color of emissions	white
unless stated otherwise	
other:	
Remarks:	

8:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	5	5	10	E	33	0	0	0	0	
4	10	10	5	5		34	0	0	0	0	
5	5	5	5	5		35	0	0	0	0	
6	5	5	5	5		36	0	0	0	0	
7	5	5	5	5		37	0	0	0	0	
8	5	5	5	5		38	0	0	0	0	
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13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	5	
22	0	0	0	0		52	5	5	5	5	
23	0	0	0	0		53	5	5	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	10	
27	0	0	0	0		57	10	10	6	5	
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 30, 2003									
OBSERVER:	Rosanna Moffat									
START:	8:40	am	pm							
FINISH:	10:47	am	pm							
Source:	C BLast Furnace									
Observation Point	Paved parking lot									
distance from:	150'									
direction from:	E									
source height:	70'									
wind direction	S W									
wind speed	5-10									
sky condition	Cloudy									
amb. temp. (F)	70									
color of emissions	White unless stated otherwise									
other:										
Remarks:										
Observer's Signature										

8:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	○	○	○	5	
11						41	10	10	10	10	
12						42	10	5	5	0	
13						43	○	○	○	0	
14						44	○	○	○	0	
15						45	○	○	○	0	
16						46	○	○	○	0	
17						47	○	○	○	0	
18						48	○	○	○	0	
19						49	○	○	○	0	
20						50	○	○	○	0	
21						51	○	○	○	0	
22						52	○	○	○	0	
23						53	○	○	○	0	
24						54	○	○	○	0	
25						55	○	○	○	0	
26						56	○	○	○	0	
27						57	○	○	○	0	
28						58	○	○	○	0	
29						59	○	○	○	0	

Last Certification Date 4/10/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 30, 2003				
OBSERVER:	Rosanne Hoffat				
START:	8:40	am	pm		
FINISH:	10:47	am	pm		
Source:	C Blast				
Observation Point	East of furnace on ground level				
distance from:	150'				
direction from:	E				
source height:	90'				
wind direction	W				
wind speed	5-10				
sky condition	Cloudy				
amb. temp. (F)	70				
color of emissions	White				
unless stated otherwise					
other:					
Remarks:					

9:00 am

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	5	5	5	5	
15	○	○	○	○		45	5	5	5	5	
16	○	○	○	○	W	46	5	5	5	5	
17	○	○	○	○		47	5	5	5	5	
18	○	○	0	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5	E	51	5	5	5	5	
22	5	5	0	0		52	5	5	5	5	
23	○	○	○	○		53	5	5	5	5	
24	○	○	○	○		54	5	5	5	5	
25	○	○	○	○		55	5	5	5	5	
26	○	○	○	○		56	5	5	5	5	
27	○	○	○	○		57	5	5	5	3	
28	○	○	○	○		58	5	5	5	5	
29	○	○	○	○		59	5	5	5	5	

Observer's Signature

Rosanne Hoffat

Last Certification Date 4/28/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 30, 2003										
OBSERVER:	Rosana Moffat										
START:	8:40	am	pm								
FINISH:	10:47	am	pm								
Source:	C BLAST FURNACE										
Observation Point	Paused parking lot										
distance from:	150'										
direction from:	E										
source height:	90'										
wind direction	W										
wind speed	5-0										
sky condition	Cloudy										
amb. temp. (F)	50										
color of emissions	White unless stated otherwise										
other:											
Remarks:											

10:40											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	0		39	5	5	5	5	
10	0	0	0	0		40	5	5	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0	W	42	0	0	0	0	
13	0	0	5	5		43	0	0	0	0	
14	5	5	5	5		44	0	0	0	0	
15	5	5	5	5		45	0	0	5	5	Black
16	5	5	5	5		46	10	5	0	0	
17	5	5	5	5		47					
18	5	5	5	5	E	48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Rosana Moffat

Last Certification Date

8/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: Sept 27, 03
OBSERVER: Rosanna Moffat
START: 8.18 am pm
FINISH: 10.17 am pm
Source:
C BLAST
Observation Point
Paved parking lot.
distance from: 100'
direction from: E
source height:
90'
wind direction NW
wind speed 0-5
sky condition Cloudy
amb. temp. (F)
color of emissions
other;
Remarks:

8.00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	5		49	0	0	0	0	
20	15	25	40	40	Brown, E.	50	0	0	0	0	
21	30	30	20	15		51	0	0	0	0	
22	15	10	10	5		52	0	0	0	0	
23	5	5	0	0		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	0	
25	5	5	5	5		55	0	0	0	0	
26	5	5	5	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Observer's Signature

Rosanna Moffat  
00

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	Sept 27, 2003	
OBSERVER:	Rosanna Moffat	
START:	9:16 am	pm
FINISH:	10:17 am	pm
Source:	C BLAST	
Observation Point	Planned parking lot	
distance from:	100'	
direction from:	E	
source height:	90'	
wind direction	N W	
wind speed	0-5	
sky condition	clear	
amb. temp. (F)		
color of emissions		
other:		
Remarks:		

9:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	0	5	5	5	Brown
11	○	○	○	○		41	5	5	5	5	
12	○	○	○	○		42	5	5	5	5	
13	○	○	○	○		43	5	5	5	5	
14	○	○	○	○		44	5	5	5	5	
15	○	○	○	○		45	5	5	5	5	
16	○	○	○	○		46	5	5	5	5	
17	○	○	○	○		47	5	5	5	5	
18	○	○	○	○		48	5	5	5	5	
19	○	○	○	○		49	5	5	5	5	
20	○	○	○	○		50	5	5	5	5	
21	○	○	○	○		51	5	5	5	5	
22	○	○	○	○		52	5	5	5	5	
23	○	○	○	○		53	5	5	5	5	
24	○	○	○	○		54	5	5	5	5	
25	○	○	○	○		55	5	5	5	5	
26	○	○	○	○		56	5	5	5	5	
27	○	○	○	○		57	5	5	5	5	
28	○	○	○	○		58	5	5	5	5	
29	○	○	○	○		59	5	5	5	5	

Observer's Signature

Last Certification Date

4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 27, 2003				
OBSERVER:	Patricia Moffat				
START:	8:18	am	pm		
FINISH:	10:00	am	pm		
Source:	C Blast				
Observation Point	Paved parking lot				
distance from:	100'				
direction from:	E				
source height:	70'				
wind direction	NW				
wind speed	0-5				
sky condition	Clear				
amb. temp. (F)	55				
color of emissions					
other:					
Remarks:					

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	10		42					
13	10	10	15	10		43					
14	55	30	35	35		44					
15	35	30	20	20		45					
16	20	10	10	10		46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 12, 2003				
OBSERVER:	Rosana Moffat				
START:	am 12:00pm				
FINISH:	am 143 pm				
Source:	C BLAST FURNACE.				
Observation Point	West side of sand.				
distance from:	1000'				
direction from:	W				
source height:	90'				
wind direction	W				
wind speed	5-10				
sky condition	Clear				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise;					
other;					
Remarks:					
Observer's Signature					

12:00 PM

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	10	10	5	Black	30	0	0	0	0	
1	5	40	35	10	Brown	31	0	0	0	0	
2	5	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	5	5	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	10	10	10	10	Red	50	0	0	5	5	Brown
21	10	10	15	15	Red	51	5	5	10	10	"
22	15	15	15	15	Brown	52	15	10	10	10	"
23	15	15	15	10	Brown	53	10	10	10	15	"
24	10	10	10	10		54	0	0	0	0	
25	10	10	10	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Rosana Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 12, 2003
OBSERVER:	Kosana Moffat
START:	am 6:00 pm
FINISH:	am 1:43 pm
Source:	C BLAST FURNACE.
Observation Point	West of blast slip
distance from:	100'
direction from:	W
source height:	90'
wind direction	W
wind speed	5-10
sky condition	Clear
amb. temp. (F)	
color of emissions	White
unless stated otherwise	
other:	
Remarks:	
Observer's Signature	

100

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	5	0	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	5	20	Brown
12	○	○	○	○		42	20	0	○	○	Brown
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Observer's Signature

Rosana Moffat

Last Certification Date

4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5 2003											
OBSERVER:	Rosanna Moffat											
START:	10:15	am	pm	10:00								
FINISH:	am	145	pm									
Source:	C BLAST FURNACE											
Observation Point	Furnace sparkings											
distance from:	100'											
direction from:	E											
source height:	90'											
wind direction	N											
wind speed	0-5											
sky condition	Clear											
amb. temp. (F)												
color of emissions	White											
unless stated otherwise												
other:												
	W - WEST CAR											
	E - EAST CAR											
Remarks:	1											
Observer's Signature	Rosanna Moffat											

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	5	
1						31	5	5	5	5	E
2						32	5	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	5	5	5	5		48	0	0	0	0	
19	5	5	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5 2003
OBSERVER:	KOSANA MOFFAT
START:	10 15 am pm
FINISH:	am 1 45 pm
Source:	C BLAST FURNACE
Observation Point	Paved parking
distance from:	100'
direction from:	E
source height:	90'
wind direction	N
wind speed	0-5
sky condition	clear
amb. temp. (F)	
color of emissions	white
unless stated otherwise	
other:	
Remarks:	11 AM
Observer's Signature	Rosanne Moffat

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	W	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	E	51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5, 2003				
OBSERVER:	Kathleen Moffat				
START:	10:15	am	pm		
FINISH:	am	1:45	pm		
Source:	C. BLAST Furnace				
Observation Point	Powered parking lot				
distance from:	100'				
direction from:	E				
source height:	70'				
wind direction	N				
wind speed	0-5				
sky condition	Clear				
amb. temp. (F)					
color of emissions	White				
other:	not stated otherwise				
Remarks:	1				
Observer's Signature	<i>Kathleen Moffat</i>				

12:00

MIN	REMARKS					MIN	REMARKS				
	0	15	30	45			0	15	30	45	
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
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7	5	5	5	5		37	5	5	5	5	W
8	5	5	5	5		38	5	5	5	5	
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27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Last Certification Date 4/08/05

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5, 2003
OBSERVER:	Rosana Moffat
START:	10:15 am
FINISH:	am 1:45 pm
Source:	C. BLAST.
Observation Point	Pond, parking lot
distance from:	100'
direction from:	SE
source height:	90
wind direction	N
wind speed	0-5
sky condition	Cloudy
amb. temp. (F)	
color of emissions	
other:	
Remarks:	

MIN	1.00					REMARKS	MIN	1.00					REMARKS	Page #
	0	15	30	45				0	15	30	45			
0	5	5	5	5			30	5	5	5	5			
1	5	5	5	5			31	5	5	5	5			
2	5	5	5	5			32	5	5	5	5			
3	5	5	5	5			33	5	5	5	5			
4	5	5	5	5			34	15	15	10	10	Brown		
5	5	5	5	5			35	5	5	5	5			
6	5	5	5	5			36	5	5	5	5			
7	5	5	5	5			37	5	5	5	5			
8	5	5	5	5			38	5	5	5	5			
9	5	5	5	5			39	5	5	5	5			
10	5	5	5	5			40	5	5	5	5			
11	5	5	5	5			41	5	5	5	5			
12	5	5	5	5			42	5	5	10	15	Brown		
13	5	5	5	5			43	15	15	15	15	"		
14	5	5	5	5			44	15	12	5	5			
15	5	5	5	5			45							
16	5	5	5	5			46							
17	5	5	5	5			47							
18	5	5	5	5			48							
19	5	5	5	5			49							
20	5	5	5	5			50							
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24	5	5	5	5			54							
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26	5	5	5	5			56							
27	5	5	5	5			57							
28	5	5	5	5			58							
29	5	5	5	5			59							

Observer's Signature

Rosana Moffat

Last Certification Date

4/03/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 8-26-03

OBSERVER: Troy Stevens

START: 10:10 am pm

FINISH: am 12:41 pm

Source:

'C' BF

Observation Point

East of BF

distance from: 400'

direction from: E

source height:

wind direction W

wind speed 0-5

sky condition overcast

amb. temp. (F) 70

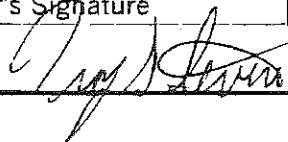
color of emissions

Brown

other:

Remarks:

Observer's Signature



MIN	10:00				REMARKS	MIN	10:00				REMARKS
	0	15	30	45			0	15	30	45	
0						30	5	5	5	5	
1						31	5	5	5	6	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
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8						38	5	5	5	5	
9						39	5	5	5	5	
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27	0	0	0	0		57	5	5	5	5	
28	0	0	0	0		58	10	10	5	5	
29	0	0	5	5		59	5	5	5	5	

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 8-26-03

OBSERVER: Troy Stevens

START: 10:10 am pm

FINISH: am 12:41 pm

Source:

IC BF

Observation Point

East of BF

distance from: 400'

direction from: E

source height:

wind direction W

wind speed 0-5

sky condition overcast

amb. temp. (F) 70

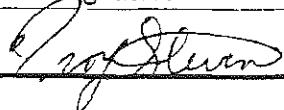
color of emissions

Brown

other:

Remarks:

Observer's Signature



11:00					REMARKS	11:00					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	10	10	10		32	0	0	0	0	
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16	0	0	0	0		46	0	0	0	0	
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26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
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29	0	0	0	0		59	0	0	0	0	

Last Certification Date

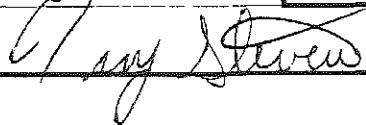
4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-26-03	
OBSERVER:	Troy Stevens	
START:	10:10 am	pm
FINISH:	am 12:41	pm
Source:	1C BF	
Observation Point	East of BF	
distance from:	400'	
direction from:	E	
source height:		
wind direction	SW	
wind speed	0-5	
sky condition	Partly cloudy	
amb. temp. (F)	75	
color of emissions	Brown	
other:		
Remarks:		

MIN	12:00				REMARKS	MIN	12:00				REMARKS
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9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	10	5	0	0	
11	0	0	0	0		41	0				
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
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25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: <i>August 22 2003</i>													
OBSERVER: <i>Rosana Moffat</i>													
START: <i>6:40 am</i>	pm												
FINISH: <i>am 12:00 pm</i>													
Source: <i>C BLAST</i>													
Observation Point <i>East of furnace on Steel Plat</i>													
distance from: <i>100'</i>													
direction from: <i>E</i>													
source height: <i>90'</i>													
wind direction <i>NE</i>													
wind speed <i>0-5</i>													
sky condition <i>Clear</i>													
amb. temp. (F) <i>78</i>													
color of emissions <i>White</i>													
unless stated otherwise													
other:													
<i>W - WEST</i>													
<i>E - EAST</i>													
Remarks;													
Observer's Signature <i>Rosana Moffat</i>													

*9:00* Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	E
12						42	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
13						43	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
14						44	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
15						45	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
16						46	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
17						47	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
18						48	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
19						49	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
20						50	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
21						51	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
22						52	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
23						53	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
24						54	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
25						55	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
26						56	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	W
27						57	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
28						58	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	
29						59	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 22 2003				
OBSERVER:	Rosana Moffat				
START:	9:40	am	pm		
FINISH:	am 12:00 pm				
Source:	C blast				
Observation Point	On paved road east of furnace				
distance from:	100'				
direction from:	E				
source height:	90'				
wind direction	NE				
wind speed	0-5				
sky condition	Clear				
amb. temp. (F)	75				
color of emissions	White				
unless stated otherwise					
other:					
Remarks:					
Observer's Signature					

10:00

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○	E	32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	5	10	5	5	W, Brown
6	○	○	○	○		36	5	0	0	0	W, Brown
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	E
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Rosana Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 22 2003			
OBSERVER:	Resana Moffat			
START:	9:40	am	pm	
FINISH:	am	12:00	pm	
Source:	C BURST			
Observation Point	Paved road			
distance from:	100'			
direction from:	E			
source height:	90'			
wind direction	NE			
wind speed	0-5			
sky condition	Clear			
amb. temp. (F)				
color of emissions	white			
unless stated otherwise				
other:				
Remarks:	11:00 am			

11:00 am					REMARKS	MIN	11:00 am					REMARKS
MIN	0	15	30	45			0	15	30	45		
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	E Brown	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	10	5	5	5	Orange	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
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11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	W	47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
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22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	10	10	15	Yellow	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		

Observer's Signature

Resana Moffat

Last Certification Date

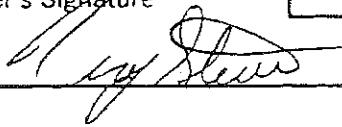
4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-21-03	
OBSERVER:	Troy Stevens	
START:	11:35 am	pm
FINISH:	am	1:30 pm
Source:	BF	
Observation Point	East of BF	
distance from:	400'	
direction from:	East	
source height:		
wind direction	W	
wind speed	0-5	
sky condition	Clear	
amb. temp. (F)	75	
color of emissions	Brown	
other:		
Remarks:		

		11.01					REMA				
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMA
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
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13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
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25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	5	5	5	
29						59	5	5	5	5	

Observer's Signature



Last Certification Date

4-17-03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-21-03
OBSERVER:	Troy Stevens
START:	11:35 am pm
FINISH:	am 1:30 pm
Source:	CBF
Observation Point	East of CBF
distance from:	400'
direction from:	E
source height:	
wind direction	W
wind speed	0-5
sky condition	clear
amb. temp. (F)	70
color of emissions	Brown
other:	
Remarks:	

12:00						REMAF					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMAF
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	10	10	
17	5	5	5	5		47	10	10	10	10	
18	5	5	5	5		48	10	10	10	10	
19	5	5	5	5		49	10	5	5	5	
20	5	5	5	5		50	5	5	5	0	
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23	5	5	5	5		53	0	0	0	0	
24	5	5	5	5		54	0	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	10	10	5	
27	5	5	5	5		57	5	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Observer's Signature

Last Certification Date

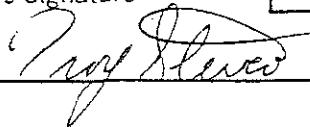
4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-20-03
OBSERVER:	Troy Stevens
START:	1135 am pm
FINISH:	am 1:30 pm
Source:	CBF
Observation Point	EAST of Bf
distance from:	400'
direction from:	East
source height:	
wind direction	W
wind speed	5-10
sky condition	clear
amb. temp. (F)	75
color of emissions	Brown
other:	
Remarks:	

1:00						REMAF					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMAF
0	0	0	0	0		30	0				
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	0	0	0		46					
17	0	0	0	0		47					
18	6	0	0	0		48					
19	0	0	0	0		49					
20	0	5	5	5		50					
21	5	5	5	5		51					
22	5	10	10	10		52					
23	20	25	15	25		53					
24	40	50	75	85		54					
25	65	20	20	10		55					
26	10	5	5	5		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date

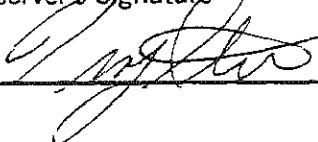
4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8/13/03
OBSERVER:	Troy Stevens
START:	11:25 am
FINISH:	12:54 pm
Source:	C BF
Observation Point	East of BF
distance from:	400'
direction from:	E
source height:	
wind direction	E
wind speed	0-5
sky condition	Clear
amb. temp. (F)	70
color of emissions	Brown
other:	
Remarks:	

MIN	REMARKS					MIN	REMARKS				
	0	15	30	45			0	15	30	45	
0						30	0	0	0	0	
1						31	0	0	5	5	
2						32	0	0	0	5	
3						33	5	5	10	10	
4						34	5	5	0	0	
5						35	0	0	0	0	
6						36	0	0	0	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	6	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	10	10	5	5	
13						43	5	5	5	5	
14						44	5	5	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	5	5	5	
18						48	5	5	5	10	
19						49	10	15	15	10	
20						50	15	20	20	10	
21						51	10	5	5	5	
22						52	5	5	5	5	
23						53	5	5	5	5	
24						54	5	5	5	5	
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26	0	0	0	0		56	0	0	0	0	
27	0	0	0	5		57	0	0	0	0	
28	5	5	5	10		58	0	0	0	0	
29	10	10	5	5		59	0	0	0	0	

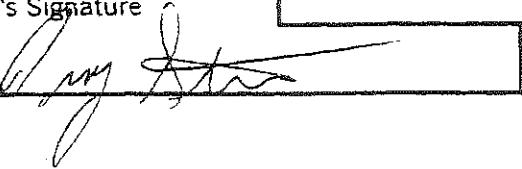
Observer's Signature



Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8/13/03
OBSERVER:	Troy Stevens
START:	1125 am pm
FINISH:	am 1254 pm
Source:	'C' BSF
Observation Point	East of BSF
distance from:	400'
direction from:	E
source height:	
wind direction	E
wind speed	0-5
sky condition	Clear
amb. temp. (F)	75
color of emissions	Brown
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	5	5	5		37	0	0	0	0	
8	5	5	5	5		38	0	0	0	0	
9	5	0	0	0		39	0	0	0	0	
10	6	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	5	5	5	5		42	0	0	0	0	
13	5	5	5	5		43	0	0	0	0	
14	5	5	5	5		44	0	0	0	0	
15	5	5	5	5		45	0	0	0	0	
16	5	5	5	5		46	0	0	0	0	
17	5	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	5	10	10		50	0	0	0	0	
21	5	5	5	5		51	0	0	0	0	
22	5	5	5	5		52	0	0	0	0	
23	5	5	5	5		53	0	0	0	0	
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 8, 2003										
OBSERVER:	Rosana Moffat										
START: 9:53 am	pm										
FINISH:	am / 10 pm										
Source:	C Blast Furnace										
Observation Point	Paved parking lot.										
distance from:	100'										
direction from:	SE										
source height:	90'										
wind direction	N										
wind speed	0-5										
sky condition	Overcast										
amb. temp. (F)											
color of emissions	white										
unless stated otherwise											
other;											
	W - WEST CAR										
	E - EAST CAR										
Remarks;											
Observer's Signature											

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23						53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	E
24						54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25						55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26						56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27						57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28						58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29						59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Rosana Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 8 2003.				
OBSERVER:	ROSANNE HOFFMAN				
START:	9:53	am	pm		
FINISH:	am / 01	pm			
Source:	C Blast Furnace				
Observation Point	Paved parking lot				
distance from:	100'				
direction from:	E				
source height:	90'				
wind direction	N				
wind speed	0-5				
sky condition	Overcast				
amb. temp. (F)	70				
color of emissions	White				
unless stated otherwise					
other:	W - WEST CAR E - EAST CAR				
Remarks:					
Observer's Signature					

10:00 am

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	5	Black	42	○	○	○	○	
13	5	○	○	○	W, Black	43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	10	20	Brown	52	○	○	○	○	
23	20	20	15	5	Brown	53	○	○	○	○	
24	5	25	10	5	Brown, E	54	○	○	○	○	
25	5	5	5	5	"	55	○	○	○	○	
26	5	5	5	5	"	56	○	○	○	○	
27	5	5	5	5		57	○	○	○	○	
28	5	5	5	5		58	○	○	○	○	
29	5	0	0	0		59	○	○	○	0	W

Observer's Signature

Rosanne Hoffman

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 8, 2003					
OBSERVER:	ROSANNA MOFFAT					
START:	9:53 am	pm	11:00 am			
FINISH:	am	/	01	pm		
Source:	C Blast Furnace.					
Observation Point	Paved parking lot					
distance from:	100'					
direction from:	E					
source height:	90'					
wind direction	N					
wind speed	0-5					
sky condition	Overcast					
amb. temp. (F)	70					
color of emissions	White					
unless stated otherwise						
other:						
Remarks:						
Observer's Signature	Rosanna Moffat					

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	E	30	0	0	0	0	
1	5	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	W
16	0	0	0	0		46	5	10	10	15	Brown
17	0	0	0	0		47	15	15	15	10	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	E
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/05/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 8, 2003			
OBSERVER:	ROSANNA HOFFAT			
START:	9:53 am	pm		
FINISH:	am /	/ pm		
Source:	C BLAST FURNACE.			
Observation Point	Front parking lot.			
distance from:	100'			
direction from:	E			
source height:	90'			
wind direction	N			
wind speed	0-5			
sky condition	Cloudy			
amb. temp. (F)	74			
color of emissions	White			
unless stated otherwise				
other:				
Remarks:				
Observer's Signature				

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	5	5	5	5	
1	○	○	○	○		31	5	5	5	5	
2	○	○	○	○		32	5	5	5	5	
3	○	○	○	○		33	5	5	5	5	
4	○	○	○	○		34	5	5	5	5	
5	○	○	○	○		35	5	5	5	5	
6	○	○	○	○		36	5	5	0	0	
7	○	○	○	○		37	0	0	0	0	
8	○	○	○	○		38	0	0	0	0	
9	○	○	○	○		39	0	0	0	0	
10	○	○	○	○		40	0	0	0	0	
11	○	○	○	○		41	0	0	0	0	
12	○	○	○	○		42	0	0	0	0	
13	○	○	○	○		43	0	0	0	0	
14	○	○	○	○		44	0	0	0	0	
15	○	○	○	○		45	0	0	0	0	
16	○	○	○	○		46	0	0	0	0	
17	○	○	○	○		47	0	0	0	0	
18	○	○	○	○		48	0	0	0	0	
19	○	○	○	○		49	0	0	0	0	
20	○	○	○	○		50	0	0	0	0	
21	○	○	○	○		51	0	0	0	0	
22	○	○	○	○		52	0	0	0	0	
23	○	○	○	○		53	0	0	0	0	
24	○	○	○	○		54	0	0	0	0	
25	○	○	○	○	W	55	0	0	0	0	
26	5	5	10	10	Brown.	56	0	0	0	0	
27	10	10	10	10		57	0	0	0	0	
28	10	10	10	10		58	0	0	0	10	Brown
29	10	10	5	5	E, W	59	15	20	10	10	Brown

Page #4

Rosanna Hoffat  
LJH

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 5, 2003												
OBSERVER:	ROSANA Moffat												
START:	9:53	am	pm										
FINISH:	am	/	pm										
Source:	C BLAST FURNACE.												
Observation Point	Paved parking lot.												
distance from:	100'												
direction from:	E												
source height:	90'												
wind direction	N												
wind speed	0-5												
sky condition	Cloudy												
amb. temp. (F)	74												
color of emissions	White												
unless stated otherwise													
other:													
Remarks:													
Observer's Signature													

1:00 PM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	Brown	30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Rosana Moffat

Last Certification Date 7/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	Aug 1, 2003					
OBSERVER:	Hispania Moffat					
START:	9:52 am	pm	9:00 AM			
FINISH:	10:43 am	pm				
Source:	C. BLAST FURNACE					
Observation Point	East of furnace at paved lot					
distance from:	100'					
direction from:	E					
source height:	90'					
wind direction						
wind speed	0 - 5					
sky condition	Cloudy					
amb. temp. (F)						
color of emissions	White					
unless stated otherwise						
other:	W - WEST CAR E - EAST CAR					
Remarks:	++					
Observer's Signature	Hispania Moffat					

	MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0							30					
1							31					
2							32					
3							33					
4							34					
5							35					
6							36					
7							37					
8							38					
9							39					
10							40					
11							41					
12							42					
13							43					
14							44					
15							45					
16							46					
17							47					
18							48					
19							49					
20							50					
21							51					
22							52	10	10	10	10	Brown, E
23							53	10	5	5	0	
24							54	0	0	0	0	
25							55	0	0	0	0	
26							56	0	0	0	0	
27							57	0	0	0	0	
28							58	0	0	0	0	
29							59	0	0	0	0	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	Aug 1, 2003					
OBSERVER:	Lesana Moffat					
START: 9:52 am	pm	10:00				
FINISH:	am	pm				
Source:	C. BLAST FURNACE					
Observation Point	Paved parking lot					
distance from:	100'					
direction from:	E					
source height:	90'					
wind direction						
wind speed	0-5					
sky condition	Cloudy					
amb. temp. (F)						
color of emissions	White					
unless stated otherwise						
other:	W - WEST CAR E - EAST CAR					
Remarks:	1					
Observer's Signature	Lesana Moffat					

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	W	47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	W
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Brown
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	E	53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	5	12	0			54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	10	15	15	15	Brown	55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	15	10	5	0		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: Aug 1, 2003
OBSERVER: Rosana Moffat
START: 9:50 am pm
FINISH: 11:45 am pm
Source: C. BLAST FURNACE
Observation Point: Paused parking lot
distance from: 100'
direction from: E
source height: 90'
wind direction
wind speed 0-5
sky condition cloudy
amb. temp. (F) 70
color of emissions white
unless stated otherwise
other: W - WEST CAR E - EAST CAR
Remarks:
Observer's Signature: Rosana Moffat

11:00 AM

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44					
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45					
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	E	46					
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47					
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48					
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49					
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50					
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	W, E	51					
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52					
23	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		53					
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54					
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55					
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56					
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57					
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59					

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 30, 2003											
OBSERVER:	Rosanna Maffat											
START:	10:50 am			pm			10:00 AM					
FINISH:	am			12:50 pm								
Source:	BoF Hood Monitors											
Observation Point	South of 150 Hwy											
distance from:	1500'											
direction from:	SE											
source height:	250'											
wind direction	W											
wind speed	5-0											
sky condition	Cloudy											
amb. temp. (F)	70											
color of emissions	White											
unless stated otherwise												
other:	C - Center Monitor S - South Monitor N - North Monitor.											
Remarks:	Heat No.  54489 54490											

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	10	15	Brown C
28						58	20	20	15	10	"
29						59	15	10	10	10	"

Observer's Signature

Rosanna Maffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: September 30, 2003
OBSERVER: Rosana Moffat
START: 10:55 am pm
FINISH: am 12:50 pm
Source: BOF Roof Monitors
Observation Point South of Hwy
distance from: 1500'
direction from: SE
source height: 250'
wind direction W
wind speed 5-10
sky condition cloudy
amb. temp. (F) 70
color of emissions White unless stated otherwise
other: C - Center Monitor N - North Monitor S - South Monitor
Remarks;
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	15	15	0	5	Yellow	30	0	0	0	0	
1	20	20	20	20	"	31	0	0	0	0	
2	20	15	15	15	"	32	0	0	0	0	
3	15	15	25	15	Orange	33	0	0	0	0	
4	15	15	15	15	"	34	0	0	0	0	
5	10	10	10	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	15	Brown,C
11	0	5	5	0	C	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	15	10	0	Brown,C
14	5	5	5	5	C	44	0	0	0	0	
15	0	0	0	0		45	15	15	15	15	Orange C
16	15	15	10	10	C	46	15	15	15	10	"
17	10	0	0	0		47	10	10	10	10	"
18	0	0	0	0		48	20	20	20	20	"
19	0	0	0	0		49	20	20	20	20	
20	0	0	0	0		50	20	20	20	20	
21	0	0	0	0		51	20	20	20	15	
22	0	0	0	0		52	15	15	15	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Rosana Moffat

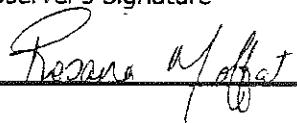
Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 30, 2003										
OBSERVER:	Rosanna Moffat										
START:	10:50	am	pm								
FINISH:	am	12:40	pm								
Source:	BoF 60t Melters										
Observation Point	By Hot Strip Mill										
distance from:	2000'										
direction from:	NW										
source height:	250'										
wind direction	W										
wind speed	5-10										
sky condition	Cloudy										
amb. temp. (F)											
color of emissions											
other:	N - North Monitor S - South Monitor C - Center Monitor										
Remarks:	Hear Nos. 54489 54490										

12:50											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	10	20	Black, C
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	15	10	0	0	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	0	5	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	5	10	0	0	Orange, C
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	0	0	0	0	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	10	5	5	5	Brown, C
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	5	5	5	5	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	5	5	5	0	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	10	5	5	5	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	5	5	5	5	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50					
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51					
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52					
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53					
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54					
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55					
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56					
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57					
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59					

Observer's Signature



Last Certification Date 4/08/03

ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 23, 2003
OBSERVER:	Rosanna Hoffat
START:	am 2:20 pm
FINISH:	am 4:20 pm
Source:	BOF Roof Monitors
Observation Point	By hot strip mill
distance from:	1500'
direction from:	NW
source height:	250'
wind direction	N
wind speed	0-5
sky condition	Clear
amb. temp. (F)	
color of emissions	White
unless stated otherwise	
other:	
N - North Monitor	
S - South Monitor	
C - Center Monitor.	
Remarks:	Heat Nos.
	54407
	15255

*200 PH*

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	5	5	5	0	C	31	5	5	0	0	C
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	5	C	57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Observer's Signature

Rosanna Hoffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 23, 2003
OBSERVER:	Rosana Moffat
START:	am 2:20 pm
FINISH:	am 4:20 pm
Source:	BOF Roof Blow holes
Observation Point	By Hot Strip Mill
distance from:	1500'
direction from:	NW
source height:	250'
wind direction	N
wind speed	0-5
sky condition	Clear
amb. temp. (F)	
color of emissions	White unless stated otherwise
other:	N - North Monitor S - South Monitor C - Center Monitor
Remarks:	

*KL*  
*2*  
*3:20 PM*

*Page 2*

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	5	5	5	C
4	○	○	○	○		34	5	0	0	0	
5	○	○	○	○		35	○	0	0	0	
6	○	○	○	○		36	○	0	0	0	
7	○	○	○	○		37	○	0	0	0	
8	○	○	○	○		38	○	0	0	0	
9	○	○	○	○		39	○	0	0	0	
10	○	○	○	○		40	○	0	0	0	
11	○	○	○	○		41	○	0	0	0	
12	○	○	○	○		42	○	0	0	0	
13	○	○	○	○		43	○	0	5	5	
14	○	○	○	○		44	5	0	5	0	
15	○	○	○	○		45	○	0	0	0	
16	○	○	○	○		46	○	0	0	0	
17	○	○	○	○		47	○	0	0	0	
18	○	○	○	○		48	○	0	0	0	
19	○	○	○	○		49	○	0	0	0	
20	○	○	○	○		50	○	0	0	0	
21	○	○	○	○		51	○	0	0	0	
22	○	○	○	○		52	○	0	0	0	
23	○	○	○	○		53	○	0	0	0	
24	○	○	○	○		54	○	0	0	0	
25	○	○	○	○		55	○	0	0	0	
26	○	○	○	○		56	○	0	0	0	
27	○	○	○	○		57	○	0	0	0	
28	○	○	○	○		58	○	0	0	0	
29	○	○	○	○		59	○	0	0	0	

Observer's Signature

*Rosana Moffat*

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 12, 2003				
OBSERVER:	Rosana Moffat				
START:	8:00	am	pm		
FINISH:	10:00	am	pm		
Source:	BOF Door Monitors				
Observation Point	South of Lung				
distance from:	1000'				
direction from:	SE				
source height:	250'				
wind direction					
wind speed	0-5				
sky condition	Clear				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other:					
Remarks:	Heat Nos. 54293 54294				

8:00 AM

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	5	5	10	5	Center
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	5	5	<input type="checkbox"/>	<input type="checkbox"/>	"
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Observer's Signature

Rosana Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 12, 2003				
OBSERVER:	ROSANA HOFFAT				
START:	8:00	am	pm		
FINISH:	10:00	am	pm		
Source:	BOP Hoop Monitor				
Observation Point	South of Hwy..				
distance from:	1000'				
direction from:	SE				
source height:	250'				
wind direction	W				
wind speed	0-5				
sky condition	Clear.				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other;					
Remarks;					

9:00 AM

Page 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	5	5		34	○	○	○	○	
5	10	15	15	10		35	○	○	○	○	
6	5	5	0	0		36	○	○	○	○	
7	○	○	0	0		37	○	○	○	○	
8	○	○	0	0		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5 2001									
OBSERVER:	Rosa Moffat									
START:	am 1:40 pm									
FINISH:	am 3:40 pm									
Source:	BQE Roof Monitors									
Observation Point	West side of bmt slp.									
distance from:	500'									
direction from:	NNE									
source height:	250'									
wind direction	N									
wind speed	2-5									
sky condition	Cloudy									
amb. temp. (F)	70									
color of emissions	White									
unless stated otherwise;										
other;										
Remarks;										
Heat Nos.										
15048										
15049										
54209										
Observer's Signature										

100

Page # /

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11						41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12						42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13						43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14						44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15						45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16						46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17						47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18						48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19						49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20						50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21						51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22						52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23						53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24						54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25						55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26						56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27						57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28						58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29						59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Rosa Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5, 2003
OBSERVER:	Rosana Moffat
START:	am 1:40 pm
FINISH:	am 3:40 pm
Source:	bce Roof Monitors
Observation Point	Hot Strip Mill.
distance from:	1500'
direction from:	N
source height:	~250'
wind direction	N
wind speed	0-5
sky condition	Cloudy.
amb. temp. (F)	70
color of emissions	
other;	
Remarks;	
Observer's Signature	Rosana Moffat 00

300 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	10	10	C Brown	30	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
1	10	0	0	0		31	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
2	0	0	0	0		32	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
3	0	0	0	0		33	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
4	0	0	0	0		34	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
5	0	0	0	0		35	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
6	0	0	0	0		36	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
7	0	0	0	0		37	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
8	0	0	0	0		38	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
9	0	0	0	0		39	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
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16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
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21	0	0	0	0		51					
22	0	0	0	0		52					
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26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	September 5 2003				
OBSERVER:	Rosina Moffat				
START:	am 1:40 pm				
FINISH:	am 3:40 pm				
Source:	B&F Roof Monitors				
Observation Point	West side of boat slip				
distance from:	500'				
direction from:	N <del>E</del> E				
source height:	250'				
wind direction	N				
wind speed	0-5				
sky condition	Cloudy				
amb. temp. (F)	71				
color of emissions	White				
unless stated otherwise					
other;					
C - Center					
N - North					
S - South					
Remarks;					
Observer's Signature					

2. DOPH

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	5	5	0	0	C	35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	5	5	0	0	C	39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	15	15	C, Brown	54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	15	10	10	5	"	55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	5	10	10	10	Brown C

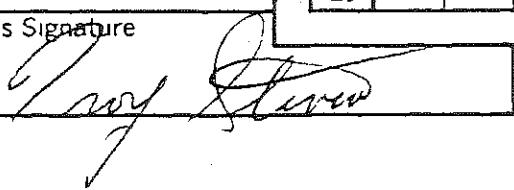
Last Certification Date 4/03/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-25-03
OBSERVER:	Troy Stevens
START:	1030 am pm
FINISH:	am 1230 pm
Source:	BOF roof monitors
Observation Point	
EAST side of canal next to Rock Piles	
distance from:	800'
direction from:	SE
source height:	
wind direction	E
wind speed	0-5
sky condition	clear
amb. temp. (F)	70
color of emissions	Brown
other:	Heat Nos. 14859 54014
Remarks:	N - north monitor C - center S - south

10 AM					REMARKS	10 PM					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
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18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature



Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-25-03
OBSERVER:	Troy Stevens
START:	10:30 am pm
FINISH:	am 12:30 pm
Source:	BDF root monitor
Observation Point	
East of canal next to rock piles	
distance from:	800'
direction from:	SE
source height:	
wind direction	E
wind speed	0-5
sky condition	clear
amb. temp. (F)	70
color of emissions	Brown
other:	
Remarks:	

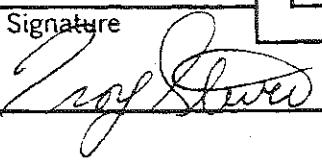
Observer's Signature

11:00						REMARKS					
MIN	0	15	30	45		MIN	0	15	30	45	REMARKS
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1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
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26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8-25-03
OBSERVER:	Troy Stevens
START:	1030 am pm
FINISH:	am 1230 pm
Source:	BOF roof monitor
Observation Point	
East side of canal next to rock pile	
distance from:	800'
direction from:	SE
source height:	
wind direction	<del>25</del> E
wind speed	0-5
sky condition	clear
amb. temp. (F)	70
color of emissions	Brown
other:	
Remarks:	N - north monitor C - center S - south
Observer's Signature	

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	5	C	34					
5	10	10	15	5	C	35					
6	5	5	5	5	C	36					
7	5	0	0	5	C	37					
8	5	25	10	10	C	38					
9	5	5	5	5	C	39					
10	0	0	0	0		40					
11	0	10	30	25	C	41					
12	35	20	20	20	C	42					
13	5	0	0	25	C	43					
14	10	10	0	0	C	44					
15	20	10	10	10	C	45					
16	5	5	5	5	C	46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
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24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 22 2003										
OBSERVER:	Pamela Moffat										
START:	7:25	am	pm								
FINISH:	9:35	am	pm								
Source:	Bop Hoof Monitor										
Observation Point	South of Hwy.										
distance from:	1500'										
direction from:	SE										
source height:	250'										
wind direction	NE										
wind speed	0.5										
sky condition	Clear										
amb. temp. (F)	70										
color of emissions	white										
unless stated otherwise											
other:	S - South Monitor N - North Monitor C - Center Monitor										
Remarks:	Heat Nos.										
	14799										
	53958										
Observer's Signature											

7:00

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1						31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2						32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3						33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4						34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5						35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6						36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7						37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8						38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9						39	<input type="radio"/>	<input type="radio"/>	5	5	C
10						40	5	5	10	5	C
11						41	5	0	0	0	
12						42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13						43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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15						45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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24						54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
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Pamela Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 8/22/2003											
OBSERVER: Rosanna Hoffat.											
START: 7:25 am pm											
FINISH: 9:25 am pm											
Source: BOF Roof Monitors.											
Observation Point South of Henry											
distance from: 1000'											
direction from: SE											
source height: 250'											
wind direction NE											
wind speed 0-5											
sky condition Clear											
amb. temp. (F) 72											
color of emissions White											
unspecified otherwise											
other:											
N - North Monitor											
S - South Monitor											
C - Center Monitor											
Remarks:											
Observer's Signature											

7:00 AM

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	5	5	5	C
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	10	10	10	10	C
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	10	10	10	5	Brown,C
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	5	5	0	0	"
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	5	5	0	0	C
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	15	15	20	15	C
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	10	10	5	0	C
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Rosanna Hoffat.

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	August 22 2003				
OBSERVER:	Risana Moffat				
START:	7:25 am	pm			
FINISH:	9:25 am	pm			
Source:	BoF Rouge Monitors				
Observation Point	South of 8th Hwy				
distance from:	1000'				
direction from:	SE				
source height:	250'				
wind direction	NE				
wind speed	0-5				
sky condition	Clear				
amb. temp. (F)	72				
color of emissions	White				
unless stated otherwise					
other:	S - South Monitor N - North Monitor C - Center Monitor				
Remarks:					
Observer's Signature					

9:00 AM

Pog #3

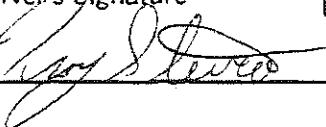
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30					
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31					
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32					
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33					
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34					
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35					
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36					
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37					
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38					
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39					
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40					
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41					
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42					
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43					
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44					
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45					
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46					
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47					
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48					
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49					
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50					
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51					
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52					
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53					
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54					
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Risana Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8/05/03											
OBSERVER:	Tom Stevens											
START:	11:00 am			pm								
FINISH:	am / 00			pm								
Source:	BoF roof monitor											
Observation Point	East side of canal Next To coke piles											
distance from:	800'											
direction from:	SE											
source height:												
wind direction	SE											
wind speed	0.5											
sky condition	Partly cloudy											
amb. temp. (F)	65											
color of emissions	Brown											
other:	Heat Nos. 53742 53743											
Remarks:	N - north monitor C - center monitor S - south monitor											
Observer's Signature												

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

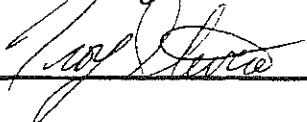
4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	8/05/03
OBSERVER:	Troy Stevens
START:	1100 am pm
FINISH:	am 100 pm
Source:	BOP 10ft monitors
Observation Point	East side of canal Next to tank Pits
distance from:	800'
direction from:	SE
source height:	
wind direction	SW
wind speed	0-5
sky condition	Partly cloudy
amb. temp. (F)	65
color of emissions	Brown
other:	
Remarks:	N - North monitor C - Center monitor S - South monitor

1200						1200					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
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15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature



Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: Aug 1 <sup>st</sup> 2003	
OBSERVER: Rosana Moffat	
START: 7:35 am pm	
FINISH: 9:55 am pm	
Source:	
BF Hood Monitors	
Observation Point	
South of Hwy	
distance from:	1000'
direction from:	SE
source height:	250'
wind direction	
wind speed	0-5
sky condition	Cloudy
amb. temp. (F)	
color of emissions	White
unless stated otherwise	
other:	
Remarks:	
Heat Nos.	
14500	
53673	
14501	
Observer's Signature	

7:00

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	150	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6						36	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7						37	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8						38	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9						39	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
10						40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
11						41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
12						42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
13						43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
14						44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
15						45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
16						46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
17						47	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	X
18						48	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
19						49	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
20						50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
21						51	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
22						52	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
23						53	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
24						54	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
25						55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
26						56	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
27						57	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
28						58	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
29						59	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	Aug 1 <sup>st</sup> , 2003					
OBSERVER:	Rosana Moffat					
START:	7:35 am	pm				
FINISH:	9:35 am	pm				
Source:	BOF Roofs Monitors					
Observation Point	South of Bay					
distance from:	1000'					
direction from:	SE					
source height:	250'					
wind direction						
wind speed	0-5					
sky condition	Cloudy					
amb. temp. (F)	70					
color of emissions	White					
unless stated otherwise						
other:	S - South Monitor N - North Monitor C - Center Monitor					
Remarks:	11					

8:00

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/> 5	5	5	5	C
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	5	5	5	5	1
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	5	5	5	5	1
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	5	5	5	5	1
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	5	5	0	0	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/> 5	5	5	<input type="checkbox"/> C		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	5	5	5	5		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	5	5	0	0		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Observer's Signature

Rosana Moffat

Last Certification Date

4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	11/05/03			
OBSERVER:	DR. Rosanna Moffat			
START:	7:35	am	pm	
FINISH:	9:35	am	pm	
Source:	Blast Furnace Roof Monitors			
Observation Point	To South of Henry			
distance from:	1000'			
direction from:	SE			
source height:	250'			
wind direction				
wind speed	0-5			
sky condition	Cloudy			
amb. temp. (F)				
color of emissions	White			
uncheck stated otherwise				
other:				
N - North				
S - South				
C - Center				
Remarks:	11			

9:30											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	C
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35					
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36					
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37					
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38					
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39					
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40					
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41					
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42					
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43					
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44					
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45					
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46					
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47					
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48					
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49					
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50					
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51					
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52					
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53					
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54					
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55					
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56					
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57					
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58					
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59					

Observer's Signature

Rosanna Moffat

Last Certification Date 4/05/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: July 22 2003.											
OBSERVER: ROSANA MOFFAT											
START: 7:00 am pm											
FINISH: am / 11:32 pm											
Source: BOF Ridge Monides											
Observation Point South & heavy											
distance from: 1000'											
direction from: SE											
source height: 250'											
wind direction N											
wind speed 0-3											
sky condition Overcast											
amb. temp. (F)											
color of emissions White											
unrestful otherwise											
other:											
N - North											
S - South											
C - Center											
Remarks:  Heat NOs.  53535 53536											

5:00

#1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	5	5	Brown, C
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	10	10	Brown,
21	○	○	○	○		51	5	5	5	5	
22	○	○	○	○		52	5	5	5	5	
23	○	○	○	○		53	5	5	5	5	
24	○	○	○	○		54	5	5	5	5	
25	○	○	○	○		55	5	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Rosana Moffat

Last Certification Date 4/03/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 22, 2003
OBSERVER:	Rosana Moffat
START:	8:00 am
FINISH:	am 11:32 pm
Source:	BOP Stack Monitors
Observation Point	South of Henry
distance from:	1000'
direction from:	SE
source height:	250'
wind direction	N
wind speed	0-5
sky condition	Overcast
amb. temp. (F)	
color of emissions	White
unless stated otherwise	
other:	
N - North	
S - South	
C - Center	
Remarks:	

9:00 AM #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Rosana Moffat

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 22 2003				
OBSERVER:	ROSANA MOFFAT				
START:	8:00	am	pm		
FINISH:	am 11:32 pm				
Source:	BOF Floor Monitors				
Observation Point	South of Henry				
distance from:	1000'				
direction from:	SE				
source height:	250'				
wind direction	N				
wind speed	0-5				
sky condition	Overcast				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other:					
N - North					
S - South					
C - Center					
Remarks:					
Observer's Signature					

10:00 AM #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

*Rosana Moffat*

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 22 2003
OBSERVER:	Rosanna Moffat
START:	8:00 am pm
FINISH:	am / 11:30 pm
Source:	BOF Roof Monitors
Observation Point	South Hwy.
distance from:	1000'
direction from:	SE
source height:	250'
wind direction	N
wind speed	0-5
sky condition	Overset
amb. temp. (F)	
color of emissions	White
unless stated otherwise	
other:	
C	- Center Monitor
N	- North Monitor
S	- South Monitor
Remarks:	

#4.

11:00 AM					REMARKS	MIN	0	15	30	45	REMARKS
MIN	0	15	30	45							
0	5	5	5	0	yellow C.	30	0	0	0	0	
1	0	5	5	5	" "	31					
2	0	0	0	0		32					
3	0	5	5	0	Black C.	33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	10	10	10	C	50					
21	10	10	0	0		51					
22	5	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	10	10	10	0	C	56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE: 7/16/03	
OBSERVER: Rosana Moffat	
START: 8:15 am	pm
FINISH: 10:15 am	pm
Source: BOF floor blowdowns	
Observation Point: South of Lerry	
distance from: 1000'	
direction from: SE	
source height: 250'	
wind direction NW	
wind speed 0-5	
sky condition Clear	
amb. temp. (F) 67	
color of emissions white	
unless stated otherwise	
other:	
N - North Monitor	
S - South Monitor	
C - Center Monitor	
Remarks:	
Heat Nos.: 53479 53480	
Observer's Signature: Rosana Moffat	

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1						31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2						32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3						33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4						34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5						35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6						36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7						37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8						38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9						39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10						40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11						41	<input type="checkbox"/>	5	5	5	C
12						42	5	5	0	0	
13						43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14						44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/16/03
OBSERVER:	Rosanne Moffat
START:	9:15 am
	pm
FINISH:	10:15 am
	pm
Source:	BOF Roof Monitors
Observation Point	South of Levy
distance from:	1000'
direction from:	SE
source height:	250'
wind direction	N W
wind speed	0-5
sky condition	Clear
amb. temp. (F)	69
color of emissions	White
unless stated otherwise	
other:	N - North Monitor S - South Monitor C - Center Monitor
Remarks:	
Observer's Signature	Rosanne Moffat

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	5	5	C
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	10	5	5	5	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	5	5	0	0	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	5	5	C	41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	5	5	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/16/03
OBSERVER:	FUSANA HOFFA
START:	8:15 am
	pm
FINISH:	10:15 am
	pm
Source:	BoF. Stack Monitors
Observation Point	South of Henry
distance from:	1000'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	5
sky condition	Clear
amb. temp. (F)	69.
color of emissions	White
unless stated otherwise	
other:	
Remarks:	
Observer's Signature	

10:00

*Fusana Hoffa #3*

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

*Fusana Hoffa*

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 11, 2003				
OBSERVER:	ROSANA MOFFAT				
START:	11:15 am	pm	11:00 AM		
FINISH:	am 2:30 pm				
Source:	BOF Roof Monitor				
Observation Point	South of Lemay				
distance from:	1000'				
direction from:	SE				
source height:	250'				
wind direction	NW				
wind speed	10-15				
sky condition	Overcast				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other;					
Remarks;					
Heat Nos.					
14308					
14309					

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	5	5	Center
1						31	5	5	5	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Rosana Moffat

Last Certification Date

4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 11, 2003.
OBSERVER:	Rosanna Moffat
START:	11:15 am pm
FINISH:	am 2:30 pm
Source:	BOF Roof Monitors.
Observation Point	South of Henry
distance from:	1000'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	10-15
sky condition	Overcast
amb. temp. (F)	
color of emissions	White
unless stated otherwise	
other:	
Remarks:	

12:00

Page #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 11, 2003				
OBSERVER:	Rosanna Moffat				
START:	11:15	am	pm	1:00P.M.	
FINISH:	am 2:30 pm				
Source:	BOP floor Monitors				
Observation Point	South of Long				
distance from:	1000'				
direction from:	SE				
source height:	250'				
wind direction	NW				
wind speed	10-15				
sky condition	Overcast				
amb. temp. (F)					
color of emissions	White				
unless stated otherwise					
other:					
Remarks:					

Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Observer's Signature

Last Certification Date 7/10/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	July 11, 2003	
OBSERVER:	Rosana Hoffart	
START:	11:15 am	pm
FINISH:	am 2:20	pm
Source:	BoF Roof Monitors	
Observation Point	By Hot Strip Mill	
distance from:	1000'	
direction from:	NW	
source height:	250'	
wind direction	NW	
wind speed	10-15	
sky condition	Overcast	
amb. temp. (F)		
color of emissions	White	
Unless stated otherwise		
other;		
C - Centr Monitor		
N - North Monitor		
S - South Monitor		
Remarks;		
Observer's Signature		

2:00PM

Page #4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	5	Brown,C	32					
3	10	10	10	5	"	33					
4	5	5	5	5	"	34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date 4/08/03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/2/03
OBSERVER:	Troy Stevens
START:	9:45 am
FINISH:	12:12 pm
Source:	BOF roof monitor
Observation Point	East of BOF next to rock piles
distance from:	80'
direction from:	E
source height:	
wind direction	S
wind speed	0-5
sky condition	Clear
amb. temp. (F)	70
color of emissions	Brown
other:	Heat Nos. 53398 53391
Remarks:	N - north monitor C - center S - south

900

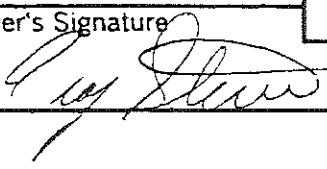
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Observer's Signature

Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/2/03		
OBSERVER:	Troy Stevens		
START:	9:45 am	pm	
FINISH:	am 12:12 pm		
Source:	BoF front monitor		
Observation Point			
East side of canal			
Next to rock piles			
distance from:	800'		
direction from:	SE		
source height:			
wind direction	5		
wind speed	0-5		
sky condition	clear		
amb. temp. (F)	75		
color of emissions	Brown		
other:			
Remarks:	N - north monitor C - center S - south		
Observer's Signature			

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	6	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	6	0	
4	0	0	0	0		34	0	0	0	6	
5	0	0	0	0		35	0	0	6	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	Heat 1 start
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

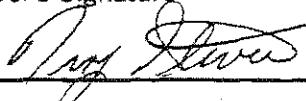
4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/2/03		
OBSERVER:	Tony Stevani		
START:	9:45 am	pm	
FINISH:	am	12:12 pm	
Source:	60' roof monitors		
Observation Point			
EAST side of canal NEXT TO ROCKPILE			
distance from:	800'		
direction from:	SE		
source height:			
wind direction	S		
wind speed	0-5		
sky condition	Clear		
amb. temp. (F)	80		
color of emissions	Brown		
other:			
Remarks:	N - North monitor C - Center S - South		

	11:00						REMARKS				
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	C	C		32	0	0	0	0	
3	0	C	C	C		33	0	0	0	S	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	b	b	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	C		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	Heat 25m
11	0	0	0	0		41	0	0	0	0	
12	b	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	b	b	0		46	0	0	0	0	
17	b	0	0	0	Heat 1 stop	47	0	0	0	0	
18	0	0	b	0		48	0	0	8	0	
19	0	b	b	0		49	0	0	8	0	
20	b	0	0	0		50	0	0	0	0	
21	b	0	0	0		51	0	0	0	0	
22	b	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	8	

Observer's Signature



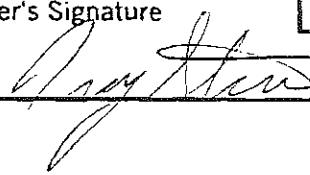
Last Certification Date

4-17-03

# ROUGE STEEL COMPANY VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/2/03
OBSERVER:	Troy Stevens
START:	9:45 am pm
FINISH:	am 12:12 pm
Source:	BDF roof monitors
Observation Point	East side of canal NEXT TO ROCK piles
distance from:	800
direction from:	SE
source height:	
wind direction	S
wind speed	0-5
sky condition	<del>85</del> Clear
amb. temp. (F)	85
color of emissions	Brown
other:	
Remarks:	N - north monitor C - center S - south

Observer's Signature



12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0				Heat 2 SE DD	42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

4-17-03